

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.-14. (Cancelled)

15. (New) In a process for the coating of substrates with crosslinkable silicone(s) wherein an antimisting additive is employed for reducing the formation of aerosol, the improvement comprising selecting as at least one antimisting additive, an alkenyl-functional siloxane copolymer comprising

(a) siloxane units of the formula



where each R independently is an identical or different, optionally halogenated hydrocarbon radical having from 1 to 18 carbon atoms per radical,

R¹ each is an identical or different alkyl radical having from 1 to 4 carbon atoms per radical, optionally substituted by an ether oxygen atom,

a is 0, 1, 2 or 3,

b is 0, 1, 2 or 3

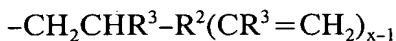
and the sum a+b is not greater than 3,

(b) per molecule at least one siloxane unit of the formula



where c is 0, 1 or 2,

A is a radical of the formula



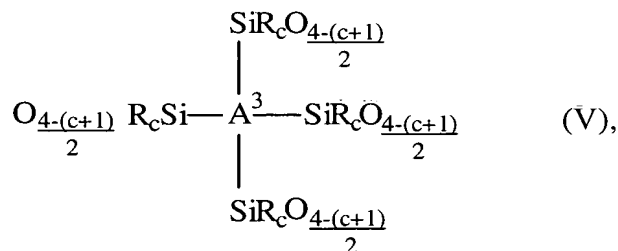
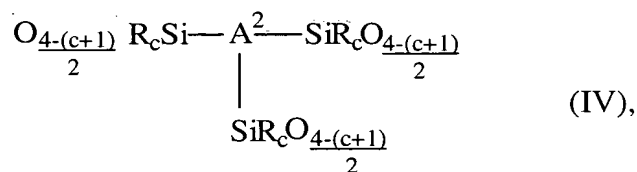
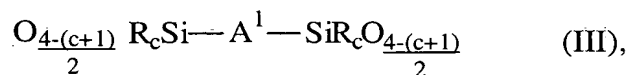
where R^2 is a divalent, trivalent or tetravalent hydrocarbon radical having from 1 to 25 carbon atoms per radical,

R^3 is a hydrogen atom or an alkyl radical having from 1 to 6 carbon atoms per radical, and

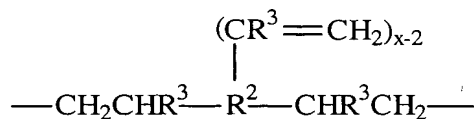
x is 2, 3 or 4,

and

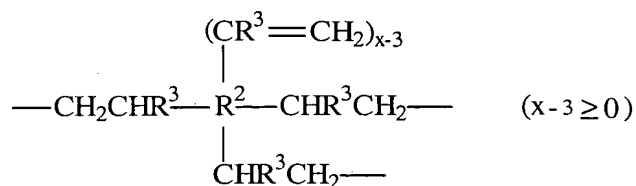
- (c) per molecule on average at least one unit selected from the group consisting of units of the formulae



where A^1 is a radical of the formula

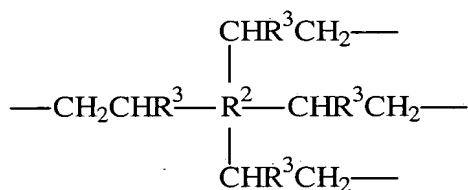


where A^2 is a radical of the formula



with the proviso that R^2 is not a divalent hydrocarbon radical, and

A^3 is a radical of the formula



with the proviso that R^2 is not a divalent or trivalent hydrocarbon radical.

16. (New) The process of claim 15, wherein the alkenyl-functional siloxane copolymer comprises

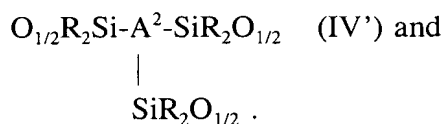
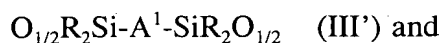
(a) siloxane units of the formula



(b) per molecule on average more than one siloxane unit of the formula



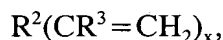
(c) per molecule on average at least one unit selected from the group consisting of units of the formulae



17. (New) The process of claim 15, wherein the radical R^3 is a hydrogen atom.

18. (New) In a process for the coating of substrates with crosslinkable silicone(s) wherein an antimisting additive is employed for reducing the formation of aerosol, the improvement comprising selecting as at least one antimisting additive an alkenyl-functional siloxane copolymer prepared by

reacting at least one organic compound (1) containing at least two aliphatic double bonds, of the formula



where each R^2 is independently a divalent, trivalent or tetravalent hydrocarbon radical having from 1 to 25 carbon atoms per radical,

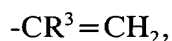
R^3 each independently is a hydrogen atom or an alkyl radical having from 1 to 6 carbon atoms per radical, and

x is 2, 3 or 4,

with at least one organopolysiloxane (2) having on average more than one Si-bonded hydrogen atom per molecule,

in the presence of a hydrosilylation catalyst (3),

the ratio of aliphatic double bonds in organic compound (1) to Si-bonded hydrogens in the organopolysiloxane (2) being such that alkenyl-functional siloxane copolymers comprising on average more than one alkenyl group per molecule, of the formula



are obtained.

19. (New) The process of claim 18, wherein said organic compound (1) comprises 1,2,4-trivinylcyclohexane.

20. (New) The process of claim 18, wherein at least one organopolysiloxane (2) has the formula



where each R independently is an identical or different or different, optionally halogenated C_{1-18} hydrocarbon radical, and o is an integer from 50 to 1000.

21. (New) The process of claim 18, wherein the ratio of aliphatic double bonds in organic compound (1) to Si-bonded hydrogens in organopolysiloxane (2) is from 1.5:1 to 3.0:1.

22. (New) The process of claim 15, wherein said crosslinkable silicone coating composition comprises

- (A) at least one organosilicon compound bearing radicals containing one or more aliphatic carbon-carbon multiple bonds, said organosilicon compound different from said antimisting additive,
 - (B) at least one organosilicon compound containing Si-bonded hydrogen atoms,
 - (C) at least one hydrosilylation catalyst,
- and optionally,
- (D) one or more inhibitors.

23. (New) The process of claim 18, wherein said crosslinkable silicone coating composition comprises

- (A) at least one organosilicon compound bearing radicals containing one or more aliphatic carbon-carbon multiple bonds, said organosilicon compound different from said antimisting additive,
 - (B) at least one organosilicon compound containing Si-bonded hydrogen atoms,
 - (C) at least one hydrosilylation catalyst,
- and optionally,
- (D) one or more inhibitors.

24. (New) A crosslinkable silicone coating composition with reduced aerosol formation, comprising

- (X) at least one antimisting additive as defined in claim 15,
 - (A) at least one organosilicon compound having radicals containing one or more aliphatic carbon-carbon multiple bonds, said organosilicon compound different from (X),
 - (B) at least one organosilicon compound containing Si-bonded hydrogen atoms,
 - (C) at least one hydrosilylation catalyst,
- and optionally,
- (D) one or more inhibitors.

25. (New) A crosslinkable silicone coating composition with reduced aerosol formation, comprising

- (X) at least one antimisting additive as defined in claim 18,
 - (A) at least one organosilicon compound having radicals containing one or more aliphatic carbon-carbon multiple bonds, said organosilicon compound different from (X),
 - (B) at least one organosilicon compound containing Si-bonded hydrogen atoms,
 - (C) at least one hydrosilylation catalyst,
- and optionally,

(D) one or more inhibitors.

26. (New) A shaped body produced by crosslinking the composition of claim 24.

27. (New) The shaped body of claim 26, which is a coating.

28. (New) The shaped body of claim 26, which is a release coating for tacky substances.

29. (New) A process for producing coatings with reduced aerosol formation during the coating process, comprising applying the crosslinkable composition of claim 24 to a surface to be coated, and crosslinking the crosslinkable composition.

30. (New) A process for producing a release coating for tacky substances, comprising applying a crosslinkable composition of claim 24 to a surface desired to have release properties for tacky substances, and crosslinking the composition.